

**DETAILED ACTION**

1. This action is responsive to the Applicant's response filed 9/8/08 and the proposed Amendments of 9/25/08.

As indicated in Applicant's response of 9/25/08, claims 1, 4-20, 22-27 are pending in the office action.

***EXAMINER'S AMENDMENT***

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
3. Authorization for this examiner's amendment was given in a telephone interview with Nathan Feld, Reg. # 59,725 on 9/25/08.

The application has been amended as follows.

In the **CLAIMS**:

The claims have been amended according to the **supplemental amendment** entitled "Claim Amendments for Enabling Examiner's Amendment" which has been recorded as the Supplemental Response or Supplemental Amendment filed and scanned 9/25/08.

***EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE***

4. Claims 1, 4-20, 22-27 are allowed.

The following is an examiner's statement of reasons for allowance.

The prior art taken separately or jointly does not suggest or teach the following features.

A method or system for maintaining at least one deployment descriptor (DD), comprising (i) a parser to generate a first representation of one deployment descriptor of a DD file, and a generator to generate DD information from a application source file; a graphical interface to invoke the parser and to include settings and selectable resource hierarchy whose nodes have fields one of which is displayed to the user, the displayed one field corresponding to a plurality of values in a plurality of DD files; (ii) the system automatically generating a replacement DD based the DD first representation if it is determined that the DD information of the source file has been modified, whereby to automatically deploy an application based on the updated DD representation; and invoking a validator to validate at least one deployment descriptor; (iii) wherein the validator is operable to generate an error message to the user if a semantic/semantic fault is encountered in at least one DD file, and in response to the user's selecting of a error message, match the node corresponding to the error in the selected message and cause the fields of said node to be highlighted in the graphical displayed hierarchy, and display a notification in the GUI offering suggestions to the user on how to correct said fields; as set forth in claims 1, 8, 15, 22.

**Broussard**, USPN: 6,912,710, teaches updating node attributes in a DOM tree generated from parsing a XML file representing deployment descriptions with underlying deployment descriptors; but Broussard does not teach a GUI with traversing capability to validate the hierarchy of nodes representing DD of related source file, and display a message to the user for informing of an error in semantic/syntactic fault of a DD, and upon selection of such a message, enabling fields corresponding to the error node to be highlighted, and providing visual suggestion in the GUI for the user to correct said fields.

**WLS\_6.1**, “Developing Weblogic Server J2EE Applications”, teaches a IDE environment with displaying of node representing DD elements with user graphical option to add, modify, and delete fields or elements to DD representation as well as auto-deploy capability based on the modified attributes; but **WLS\_6.1** does not teach or suggest a validator with capabilities as set forth in (iii), nor does **WLS\_6.1** teach replacement based on first representation of a DD file and DD information representing a application source file to deploy with invoking of the validator as set forth in (ii).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan A Vu whose telephone number is (571) 272-3735. The examiner can normally be reached on 8AM-4:30PM/Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lewis Bullock can be reached on (571)272-3759.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-3735 ( for non-official correspondence - please consult Examiner before using) or 571-273-8300 ( for official correspondence) or redirected to customer service at 571-272-3609.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Tuan A Vu/

Primary Examiner, Art Unit 2193

September 26, 2008